IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Seo et al.

Serial No. To be assigned Filed: Concurrently herewith

or: METAL DEPOSITION APPARATUS USED IN FABRICATION OF

SEMICONDUCTOR DEVICES AND METHODS OF FORMING METAL LAYERS

Date: March 30, 2004

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the waiver by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(i) for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP. No fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | | | | | Attorney Docket Number 5649-1263 | | | Serial No. To Be Assigned |
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| LIST OF DOCUMENTS CITED BY APPLICANT | | | | | | | | |
| (Use several sheets if necessary) | | | | | Applicants: | | | |
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